

Patent claims

1. A system for coating dimensionally stable construction materials (1), in particular facade components, as protection from environmental influences, characterized by a base material (2) which is applied to the construction material (1) and has rubber-elastic behavior and in which a reinforcing mat (3) is embedded, and an outer layer (4) which is applied to the base material (2) and comprises a polymer, in particular an acrylic polymer, or a copolymer, in particular an acrylic copolymer, as a binder.
- 15 2. The system as claimed in claim 1, characterized in that the base material (2) contains a rubber, elastomer or rubber material.
- 20 3. The system as claimed in claim 1 or 2, characterized in that the base material (2) is brushable and self-adhesive.
- 25 4. The system as claimed in any of the preceding claims, characterized in that the base material (2) contains milled rubber parts, in particular recycled material.
- 30 5. The system as claimed in any of the preceding claims, characterized in that the outer layer (4) contains titanium dioxides and/or quartz and/or calcite as a filler.
- 35 6. The system as claimed in any of the preceding claims, characterized in that the outer layer (4) contains colored pigments.
7. The system as claimed in any of the preceding claims, characterized in that the reinforcing mat (3) is a woven fabric or knitted fabric.

8. The system as claimed in any of the preceding claims, characterized in that the reinforcing mat (3) consists of fiber materials, in particular glass fibers.

5

9. A method for coating a dimensionally stable construction material with a coat as protection from environmental influences, characterized in that a rubber-elastic base material (2) is applied to the construction material by brushing on and a reinforcing mat (3) is embedded in the base material (2) and an outer layer (4) comprising a polymer, in particular acrylic polymer, or a copolymer, in particular acrylic copolymer, as a binder, is then applied to the base material (2).

10

10. The method as claimed in claim 9, characterized in that the base material (2) is smoothed before the application of the outer layer (4).

20

11. The method as claimed in claim 9 or 10, characterized in that the outer layer (4) is applied by spreading or filling.